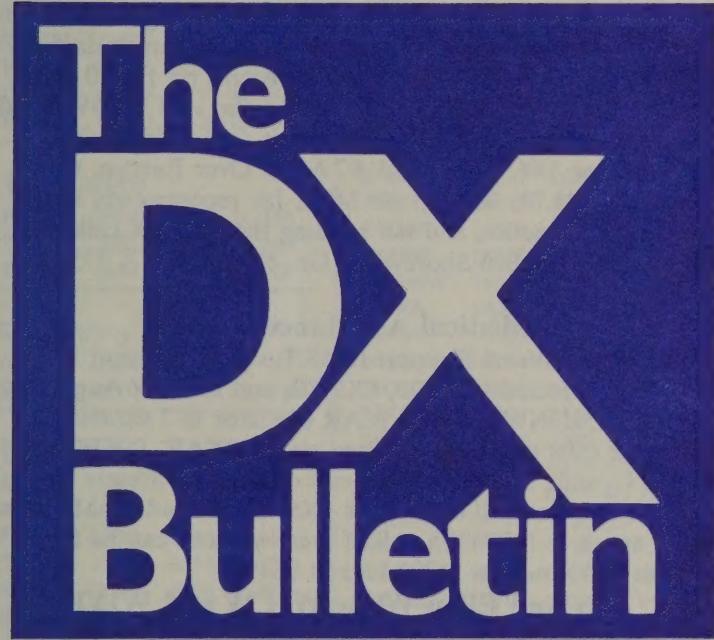


DXpedition News

St. Pierre & Miquelon - FP Ralph Hirsch K1RH will operate as **FP/K1RH** Sept. 8-15. All bands, 80-10 meters, with special attention to the new bands. Try 25-30 kHz up on CW, and 5 kHz up on the lower bands. On SSB, try the IOTA frequencies of 14260 and 21260 kHz; FP is (NA-032). QSL home call.

Market Reef - OJ0 The OH1AF group that staged the last 4J1FS operation will operate as **OH1AF/OJ0** Oct. 7-14. They will be active on all bands and modes, including RTTY, the new bands, 6 meters, and VHF/UHF. Usual DXpedition frequencies, including 50110 kHz for six meters. Questions and support should be directed to Timo Klimoff OH1NOA, Kp 7, SF-28760, Pori, Finland. QSL CW QSOs to OH1NOA; QSL SSB contacts via Ari Korhonen OH1EH, Sampsankatu 1 D 38, SF-200 Harhjavalta, Finland.

Edited by Chod Harris VP2ML



Reserve Your Island - CQWW

Eastern Kiribati - T32 A group of California DXers will operate as **T32RA** in CQWW RTTY test Sept. 26-27. They'll be on 160-10, including the new bands, on CW and SSB, outside the test, Sept. 23-28. Calls are ops are: **T32RA/KN6J T32RS/N6OXR T32GV/W6OTC T32CW/NI6T T32WS/WU6A T32SS/KE6KV and T32GG/KE6GG**. QSL via home calls.

Aruba - P4 W6/G0AZT, AA5AU, and N0FMR will operate as **P40RY** in the RTTY test.

Guam - KH2 A large group of Japanese contesters will operate **KH2Y** in a multi-multi effort in CQWW SSB Oct. 24-25. Outside the test, the operators will be on the new bands, and on RTTY. QSL via JA8RUZ.

September 4, 1992

Issue 653

Shortly Noted

- **ZK1X?** will be active from the South Cook Islands Sept. 12-19, on 40, 20, and 15 meters, with Ron Wills ZL2TT operating; QSL home address: 23 Lyndfield Lane, Newlands, Wellington, New Zealand 6004.
- **ZK2X?**: Ron moves to Niue ZK2 Sept. 19; same info.
- **VK9CW** is the Cocos-Keeling call of VK6XW, Sept. 12-26; QSL home call.
- **CE0Y/JJ1STW** has been noted from Easter Island on 14230 kHz at 0145Z; length of stay not known.
- **DJ4IJ** Sigi is in Niger 5U until Sept. 7, and will try to get operating permission.
- **8Q7AA** has been noted on 21250 kHz 12-1500Z, with JG2XYV operating; QSL via the JARL bureau, or direct to N. Kikuchi 8Q7AA, P.O.Box 2007, Male, Maldives.
- **7Q7CE** is Ely Camin IN3VZE, operating from the Italian Consulate in Blantyre; QSL via home call.
- **W0/JY1** has been noted on 2-meter repeaters in the Rochester, MN, area, as King Hussein recovers from surgery at the Mayo Clinic.
- **3Z25PAZ** is the special call of Polish contest station SP6PAZ, for the rest of 1992, as the station celebrates its 25th anniversary; QSL via SP6DVP. ([DXNS](#))
- **XT2DK** is Dr. Detlef Kroker OE3DKS, who is often in the Medical Assistance Net on 14332 kHz at 0645Z. QSL via home call.
- John Rouse KA3DBN will be in Europe Sept. 12-25, with stops in Germany, Austria, Liechtenstein, Sardinia, and the Shetland islands of Scotland. He'll operate from as many locations as possible. He plans a visit to 4U1VIC as well.
- **HC3AP** (ex-HC3CP) will be on 3780-3800 daily 00-0500Z, to the end of Sept. Sept. 26-27, try 7030-7050 kHz on CW, and 7085 kHz on RTTY, during the same UTC times. QSL Cesar A. Palacios M., P. O. Box 918, Machala, Ecuador.
- **JU830C** is active until Dec. 31, celebrating the 830th anniversary of the birthday of Chinghis Khan. QSL via the Mongolian Radio Sport Federation's club station JT1KAA.
- **SSB Nets:** check-ins: **14227**: (11,22Z) EL2PP SU1AY V85KX V85CJ JT1CS 3B8AD V63AO; **14236**: (02Z) SU1AY FY4GA YS1AG P43RR OX3NP GD0PLT CN8NS 9G1DX(!) 9H1HZ YI1BGD; **14256**: (2330Z) UL7XX YB8HX TN1AL 5B4AAL YI1BGD HH2JO S21A CN8PM; **21335**: (14Z) S21A; **21345**: (18Z) 7Q7RM.

Islands On The Air

- **KK6EK** finally put the Farallons on the air, Aug. 30-31. This is a New One for IOTA.
- **9A/DL9JH** will be active in Sept. from Rab Island (EU-136); try the IOTA frequencies of 14260, 21260, and 28460 kHz. QSL home call.
- **4K4NN** is active until Sept. 5 from Bering Island (AS-039). Spots include 7009 kHz at 1300Z, 14026 kHz at 0330Z, and 14225± kHz at 04-0600Z. QSL to KC4UG, with IRCs or US\$1 for postage. Don't send US SASEs, as cards will be posted from Russia.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before						
September 1992	Date	Flux A	K	Date	Flux A	K			
04	Low Normal	08/08	144	20/22	3	07/11	168	02/03	1
05	High Normal	08/09	137	12/12	3	07/12	172	16/16	3
06	High Normal	08/10	133	11/10	2	07/13	176	22/25	4
07	High Normal	08/11	130	12/12	2	07/14	176	18/16	3
08	Low Normal	08/12	128	12/10	2	07/15	168	08/08	1
09	Low Normal	08/13	129	06/10	2	07/16	157	10/16	2
10	Low Normal	08/14	129	09/13	2	07/17	136	07/08	2
11	Low Normal	08/15	131	07/10	2	07/18	126	04/05	2
12	Low Normal	08/16	137	08/10	0	07/19	119	04/04	1
13	High Normal	08/17	134	02/05	0	07/20	124	07/08	2
14	High Normal	08/18	130	04/06	2	07/21	108	11/11	3
15	High Normal	08/19	135	05/06	2	07/22	104	26/46	4
16	Low Normal	08/20	156	13/24	1	07/23	99	17/19	2
17	Low Normal	08/21	125	09/11	2	07/24	100	12/11	2
18	Low Normal	08/22	122	15/22	3	07/25	98	08/12	3
19	Disturbed	08/23	111	40/68	3	07/26	101	03/07	1
20	Low Normal	08/24	102	06/10	2	07/27	100	08/10	1

Propagation Watch

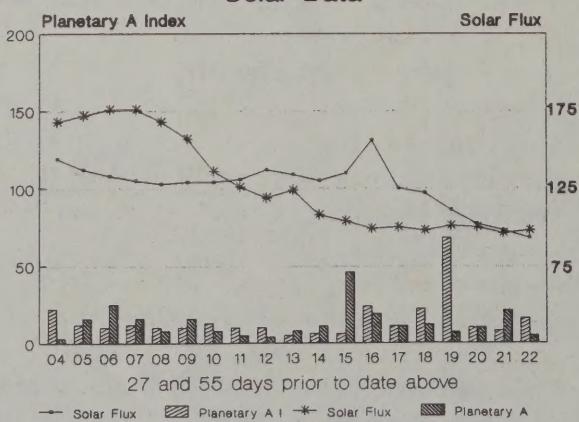
Solar activity took a nose-dive in late August, with solar flux dropping to 92.5, its lowest level since December 24, 1987, when Cycle 22 was still climbing toward its peak in 1989. The sun is almost completely spotless, with only a few small, magnetically simple Regions visible.

The good news of this drop in solar activity is a quiet geomagnetic field. The Boulder K index has been hovering around 0-1, which translates into good conditions on the lower bands. The very quiet geomagnetic field has also permitted contacts through the polar and auroral latitudes. Signals are not very strong, but quite workable.

As we approach the equinox in late September, we should see an improvement in the higher bands, even with the very low levels of solar activity we are currently experiencing. Try 10, 12, and 15 meters during daylight hours, especially early afternoon, local time.

When the K index is low, check out 80, and even 160 meters. We have been getting reports of good DX on these bands, so make sure your low-band antennas are ready for the coming winter season. With Cycle 22 winding down so rapidly, DXers will be forced below 14 MHz for nighttime DX this winter; now is the time to get prepared.

Solar Data



Scandinavian Activity Contest

The 1992 SAC CW contest runs 1500Z Sept. 19 to 1800Z Sept. 20. Scandinavian stations work non-Scandinavians, in single-op/all-band; single-op/all-band/QRP (10 watts max); and multi-single/all-band categories. 80, 40, 20, 15, and 10 meters. Exchange signal report and consecutive serial number, with two points per complete exchange. Multipliers are call areas in Scandinavian countries, per band. 1992 logs to SSA Contest manager Jan-Eric Rehn SM3CER, P. O. Box 54, S-863 01 Sundsbruk, Sweden. [Sponsorship of the SAC contest rotates among several countries.] Scandinavian countries are: Norway LA, Svalbard JW, Jan Mayen JX, Finland OH, Aland Islands OHØ, Market Reef OJØ, Greenland OX, Faroes OY, Denmark OZ, Sweden SM, and Iceland TF.

The SSB test runs 1500Z Sept. 26 to 1800Z Sept. 28; same rules apply.

Sarex on STS-47

The next Space Shuttle mission featuring amateur radio operation is STS-47, with a projected launch date of Sept. 11. On packet W5RRR-1 will receive on 144.70 MHz, and transmit on 145.55 MHz. On FM, Jay Apt N5QWL and Mamoru Mohri 7L2NJY will transmit on 145.55 MHz, listening on 144.91, .95, and .97 MHz. Over Europe, they'll listen on 144.70, .75, and .80 MHz. Jay recommends using standard phonetics, and not sending the SAREX callsigns. QSL via Jay at 806 Shorewood Dr., Seabrook TX 77586.

Medical Assistance Radio

Dr. Wilfried Ruppert DJ5RT says that recent MAR operations include 5Z4EO, 5X5WR, and 5H3RW Aug. 2-20. Wilfried 5H3NW is a new MAR operator in Tanzania. All of these calls may be confirmed via DL8XAR. DJ5RT will be in Uganda 5X around the end of November/early December, and will operate as 5X5WR. Second op Mario is now active as 5X5WR/a. All of these stations can be found in the MAR net on 14332 kHz at 0645Z.

Bob And Ellen White W1CW and W1YL

Several readers have asked about the status of long-time DXCC administrator Bob White W1CW, and his wife Ellen W1YL, who writes the DX column in *QST*. Their Homestead, Florida, home was directly in the path of Hurricane Andrew, and the house suffered severe damage. Both Ellen and Bob are okay, after riding out the storm in their home. All their antennas were destroyed. They have no phone nor mail delivery, but good wishes may be relayed through their son Jim White K1ZX, 5606 E. 127th Ave., Tampa FL 33617.

Contributors

This Issue of *The DX Bulletin* would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA7AV, AB4PW, DL1HBT, G4UOL, HC3AP, JADXN, JT1CD, K0CVD, K0PP, K1RH, K1VWL, K2AJY, K2DW, K4BAI, K4GLU, K4IQJ, K4IQL, K4LNA, K6IR, K7EX, K8OQL, KA7T, KG4O, KK6EK, KT7H, N2EJQ, N4KG, N4UU, N4XLF, N9LAG, NI6T, OH1NOA, P29DX, V31SW, W0JRN, W0RXL, W1AW, W1BFT, W1FV, W2GD, W3FM, W4VQ, W6JOX, W6UQF, W8CT, W9HAO, and KG6I. Many thanks! -ed.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.

All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19

RTTY

4X6UO	14089	0246	18	OH
9A2RA	14080	0513	18	OH
CT3BX	21083	1252	16	FL
CU2GP	14087	0022	22	FL
CX5BW	21086	2150	22	FL
E19FV	14087	2113	26	FL
FG4FI	14085	2235	25	CA
FY5AN	14091	2117	26	FL
HK1LAQ	14085	0035	25	CA
HP2CWB	14082	2345	21	CA
JT1CS	14085	1404	27	PA
LY2ZZ	14091	2108	29	FL
TA5C	21088	1450	17	OH
UB4TWA	14085	0031	22	FL
UO5OIN	14086	2138	29	FL
VP8CKB	21085	1606	21	PA
ZD8LII	21082	1220	16	FL
ZP6XD	14089	2136	27	FL

160 Meters

HF0POL	1832	0008	24	MA
PP7JR	1832	0022	23	MA
PY0FF	1834	0055	24	NJ

80 Meters

OY1CT	3504	0446	15	WV
ZS6QU	3510	0203	24	MA

75 Meters

FK8DH	3795	1115	17	AL
FR5DX	3790	0159	20	AL
HF0POL	3795	2304	23	NJ
PT7CB	3795	0230	22	MN
VK6LKK *	3798	2250	23	NJ
YB6CR *	3799	2331	23	NJ
YJ0AFU	3798	1109	16	AL

40 Meters

3B8CF	7003	0246	20	NH
9A3GW	7005	0203	20	AL
BV2TA	7008	1155	18	AL
HJ0VGJ	7007	0020	20	GA
HP1XQN	7001	1125	22	FL
OD5/	7005	0145	29	GA
SP7LSE				
UC2CFT	7003	2341	26	FL
UO5ON	7001	0014	22	FL
YN/	7002	1040	21	NY
SM0OIG				

30 Meters

3B8CF	10103	0309	17	NH
3B8CF *	10103	1415	15	CA
3D2ZG	10102	1209	29	FL
3X0HNU	10115	0005	18	PA
5B4OG	10106	0156	18	NH
5N0ZKJ	10104	2222	25	PA
7Q7XX	10103	2337	26	FL

9A2PA 10103 0111 26 PA

A22GH 10103 2202 25 PA

D44BS 10104 2358 17 PA

FK8GJ 10100 1259 22 MN

OD5/ 10104 0037 23 PA

SP1MHV

OD5/ 10106 0130 16 WI

SP7LSE

OY1CT 10104 0048 18 AL

P29JA 10105 1222 20 PA

TM9WPX 10106 2202 19 VA

UC2LEG 10109 2237 25 FL

UD6DFF 10104 0242 19 PA

V85AA 10102 1220 22 MN

VK6HG 10104 1112 27 CT

VP2MLD 10106 0040 23 PA

ZA1J 10104 0012 22 FL

ZA1W 10101 0229 19 PA

ZD8LII 10104 2238 27 FL

ZK2VJ 10102 1158 27 MN

OD5/ 14024 2335 14 AL

SP1MHV

OY1R 14020 1230 27 MN

P29KH 14036 1220 21 CA

PZ1DY 14029 2235 28 GA

RL7PAJ 14037 0116 18 GA

SV5/ 14018 1930 30 GA

SM0CMH 14025 2254 21 FL

TA4/ 14035 1747 22 FL

OH3MIG

TL8PS 14023 2029 27 FL

UF7FWW 14031 2233 16 GA

UI8AA 14030 2151 29 FL

UI8GA 14009 0212 22 MN

UI9BWO 14014 0102 27 MN

UI9BWO

14030 1431 18 CO

UL7RCZ 14036 0244 22 GA

UL8GAK 14007 0028 18 CO

UM8DX 14022 0238 18 OH

UM8NU 14008 0225 29 GA

US76BL 14018 2115 29 FL

V73CT 14022 0231 25 MN

V85AA 14005 1420 15 CA

VI4FOW 14033 1155 17 VA

VK5BUS 14024 1149 21 VA

VQ9QW 14024 0245 22 GA

VQ9RK 14022 1220 17 CA

VU2KSE 14009 0059 22 FL

XQ0YAF 14004 0110 28 GA

YN/ 14002 1216 29 FL

SM0OIG

YN1CC 14029 0457 18 OH

Z21FN *

14010 1338 18 CO

ZA1F 14010 0430 20 CA

ZA1Q 14017 2157 27 FL

WA2WYR

PY0TUP 21023 1550 22 MN

TL8PS 21016 1342 17 NH

TR8NSY 21021 2240 25 FL

TU2CI 21025 1314 22 MN

YJ0AFU 21005 0245 18 CA

YS8U 21013 2154 16 NH

20 Meter SSB

4J4GAT 14262 0251 16 FL

4S7EA 14215 2327 18 FL

4U1UN 14268 0250 24 CA

5Z4BI 14213 0439 22 CO

5Z4BP 14240 2147 23 MN

9K2GS 14191 0248 16 FL

9L1JC 14170 0027 21 IL

9M8DB 14160 1330 16 CO

A71BV 14225 2140 21 MN

CN8HR 14184 0120 17 MD

FR5DD 14201 1124 20 MA

HH2MC 14200 1510 22 CA

SU1AY 14266 0354 21 MD

SU1AY 14255 2221 19 WI

TU2PA 14160 2128 22 SC

UF7FWW 14295 2319 15 GA

V51E 14180 1510 22 CA

VQ9WM 14167 1143 18 IL

VR6BX 14227 0312 16 AL

VS6WV 14190 1210 17 MD

VU2RAK 14181 0016 19 IL

VU2YK 14192 0115 26 MN

XX9GD 14186 1159 17 MD

YI1BGD 14248 0244 18 CO

YS1YTE 14231 0612 20 OH

Z22JE 14185 1415 19 CO

ZA1B 14256 2157 18 MD

12 Meter SSB

6W1/ 24954 1952 16 NJ

5N0MRD

PZ1EL 24975 2156 17 MA

10 Meter SSB

TG9AJR 28450 2215 15 CA

ZD8VDC 14180 0041 19 MD

17 Meter CW

FK8GJ 18072 0034 27 MN

OD5/ 18070 1313 26 PA

SP7LSE

UF7FWW 18079 1458 21 OH

ZD8LII 18070 2325 22 MN

15 Meter CW

4L0FWW 21029 1845 30 GA

5Z4TT 21005 1717 22 WI

9X5HG 21020 1850 30 GA

AP/ 21028 1558 18 VA

WA2WYR

C9RJJ 21037 1513 19 CO

EA8AB 21026 1925 30 GA

EA9UK 21017 2235 21 SC

HH2PK 21010 1920 30 GA

HJ0VGJ 21020 1504 16 VA

J28FO 21013 1918 19 OH

OD5/ 21025 1240 18 IL

SP1MHV

PY0TUP 21023 1550 22 MN

TL8PS 21016 1342 17 NH

TR8NSY 21021 2240 25 FL

TU2CI 21025 1314 22 MN

YJ0AFU 21005 0245 18 CA

YS8U 21013 2154 16 NH

15 Meter SSB

5Z4BI 21220 2006 22 MN

5Z4TT 21266 1245 16 FL

7Q7JL 21268 1745 22 MN

A22MN 21329 1450 15 CA

C9RJJ 21269 1608 22 MN

CN2AQ 21242 1610 22 CA

J5UAI 21315 1946 16 MD

PZ1AN 21236 2000 17 MA

S79KMB 21355 1750 25 MN

TU2JL 21279 2150 17 MN

VQ9TW 21295 1426 21 MD

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Anguilla	VP2E/KE9I	Sept. 10-17	I651
Antigua	V2 /KE9I	Aug. 31-Sept. 5	I651
Aruba	P4 P40P	Sept. 7-9	I651
	P40RY	Sept. 26-27	I653
Bangladesh	S2 S21A	20/15M SSB	I647
British Virgin Is.	VP2V/KE9I	Sept. 5-10	I651
Cayman Islands	ZF ZF1WD	Sept. 21-28	I652
Christmas Island	VK9XM	Sept. 12-26	I652
Cocos-Keeling	VK9C VK9CW	Sept. 12-26	I653
Easter Island	CE0Y/JJ1STW	Now	I653
Eastern Kiribati	T32 many	Sept. 23-28	I653
Ethiopia	ET ET3JR	now active	I651
Fiji	3D 3D2SL	Sept. 8-13	I650
Glorioso	FR/G FR5ZU/G	Sept. 5-20	I651
Guam	KH2 KH2Y	CQWW SSB	I653
Guinea-Bissau	J5 J5UAI	Now active	I641
Juan de Nova/Europa	FR5ZU/J/E	Sept. 21-Oct. 16	I651
Kuwait	9K 9K2MC	14185 2330Z	I647
Lebanon	OD5/ SPs	now authorized	I639
Maldives	8Q 8Q7AA	21250 12-1500Z	I653
Malta	9H/ DF4EK,DL8EAU	Aug. 15-Sept. 15	
Market Reef	OJ0/ OH1AF	Oct. 7-14	I653
Micronesia	V6 V63SM	Sept. 4-13	I650
	V63s	Sept. 10-14	I652
Nicaragua	YN YN0TI	Sept. 11-16	I652
Niger	5U by DJ4IJ	Now?	I653
Niue Island	ZK2 ZK2???	late Sept.?	I650
	ZK2X?	Sept. 19-26	I653
St. Pierre & Miquelon	FP/K1RH	Sept. 8-15	I653
Sierra Leone	9L 9L1JC	to Oct. 1	I650
South Cooks	ZK1 ZK1HJ	Sept. 1	I650
	ZK1X?	Sept. 12-19	I653
Svalbard	JW JW5NM	Now active	I632
Tonga	A3 A35??	Sept. 13-21	I650
Trindade	PY0 PY0TUP	to Oct. 15	I652
Vietnam	XV XV7TH	21295 13-16Z	I637
Wallis & Futuna	FW FW1FM	17M 08-10Z	I642
Western Samoa	5W 5W1??	Sept. 22-Oct. 9	I650

Operating Events and DX Gatherings

Dates	Event	Reference:	
Sept. 5-6	All Asian DX Test SSB	<u>QST</u>	
Sept. 5-6	Bulgarian DX Test CW	<u>QST</u>	
Sept. 12-13	Worked All Europe SSB Test	<u>QST</u>	
Sept. 12	W9DXCC Convention	<u>I640</u>	
Sept. 19-20	Scandinavian CW test	<u>I653</u>	
Sept. 26-27	CQWW RTTY Contest	<u>CQ</u>	
Sept. 26-28	Scandinavia SSB test	<u>I653</u>	
Oct. 3-4	California QSO Party	<u>CQ</u>	
Oct. 10-11	DXPO 92, Washington DC	<u>QST</u>	
Oct. 17-18	Worked All Germany test	<u>CQ</u>	
Oct. 24-25	CQWW SSB Contest	<u>CQ</u>	

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Albania	ZA1K	20M CW	22-2400Z
Albania	ZA1J	10104±	0000Z
Algeria	7X4AN	14007	23-0200Z
Central African Rep.	TL8PS	21025	1345Z
Central African Rep.	TL8PS	14023	2030Z
Croatia	9A2PA	10102	0100Z
Easter Island	XQ0YAF	14004	0100Z
Faroës	OY1CT	10104	0045Z
Franz Josef Land	4K2MAL	20M CW	1900Z
Georgia	UF7FWW	20M CW	2230-05Z
Hong Kong	VS6WV	14190	1200Z
Kenya	5Z4TT	14007	2120Z
Lebanon	OD5/SP1MHV	20M CW	22-0100Z
Mauritius Island	3B8CF	10104	0300Z
Mozambique	C9RJJ	21035±	15-1800Z



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<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Nigeria	5N0ZKJ	10103	2220Z
Papua New Guinea	P29KH	14035	1200Z Fri.
Qatar	A71BV	14222	2100Z
Reunion Island	FR5DD	14021	1215Z
Rwanda	9X5HG	14010	2000Z
San Andrés	HJ0VGJ	21021	1900Z
San Andrés	HJ0VGJ	7007	0020Z
Sri Lanka	4S7WP	14003	1115Z
Taiwan	BV4CT	14028±	1430Z
Uzbekistan	UI9BWO	14030±	01-0200
Uzbekistan	UI8AA	14010±	0030Z
Zambia	9J2SZ	14006	0430Z
Zone 29	VK6LK	3798	2250Z Sat/Sun